



Ø BEAT

P.O. BOX - 1797
COLO. SPRINGS,
COLORADO

1 December 1961

EDITOR SPEAKS

This month the "Zero Beat" finds itself with a new editor and, as usual in this case, his first editorial should include a few facts concerning himself and his qualifications, etc. Since I do not intend to start off with a fizz, I will touch lightly on these matters.

Like a good many of our members, I am in the military. Presently I am stationed at ENT AFB, where I have been for almost 4 years. During this period I have grown to like the Pikes Peak Region very much, and have made many friends among the amateur radio circles. My position at ENT is assistant NCOIC of SPADATS (Communications Maint). Having had 6 years experience in this field, I did not enter Ham Radio with cold feet.

Were the full responsibility of composing this paper left up to the editor, I might fail to qualify. However, it is your reports and letters which make up this publication. Therefore, I am anticipating the receipt of numerous articles and gossip, which, when combined will make your "Zero Beat" more enjoyable.

The Zero Beat will not take on any drastic changes and most of you will find little difference between this and the previous issues.

The monthly editors column will discuss numerous subjects and will include space where answers to readers questions and/or gripes may be found.) (We Hope). Any suggestions as to improvement of the paper will be accepted without question as long as the proposed changes or additions will be in the best interests of the PPRAA and its members.

Two new sections have been added to this month's Zero Beat. The "Wanted" section will continue along with the addition of the "Trading Post" which I'm sure will meet the approval of the majority. No items in this latter section will be for sale, and the party wishing to make a trade must list his wants for a fair exchange. The second change, "The Schematic Of The Month" will be picked from those sent to the

editor from among the favorite collections of all members or non-members. The schematic should be clearly illustrated and may be either hand copied or printed. The purpose of this monthly feature is to pass along to everyone some of the finer projects which have been constructed with success. No award for this schematic is offered, however this subject will be brought up at a later meeting.

All news items, equipment for sale or trade, gossip etc. will be printed if it reaches the editor prior to the first of each month. Address all correspondence to: Mike Schmidt, 835 North Union Blvd. Colorado Springs, Colorado or Phone ME 5-5723.

As editor of the Zero Beat, I intend to print interesting, enjoyable and informative material during my tour of duty. So, until next month, 73 ES DX. Mike KØEVP.

MINUTES

The last meeting found the PPRAA with a new coffee committee, and most reports were that the coffee was good and strong. Whether it was good or not is still a big question.

Sonny Sanders KØYGH our new EC explained the workings of AREC and enlisted many interested Hams to the Corps. All those interested in joining can do so by requesting the proper form from Sonny at the next meeting. Or if you are unable to attend send your request to the editor and forms will be mailed to you.

Will there be another Auction in February? Come to the next meeting and find out the details.

BULLETINS

Rocky Mountain Division Letter, from Carl L. Smith dated 27 November, pointed out among other things, that the nominations for either the VHF achievement, or the Junior Achievement awards must be mailed no later than January 20, 1962. Winners will be announced in March 1962.

Write your Senator today in support of Senate Bill #2361.

Bob Card, WØULZ is now re-editing the regional call book. If your license status or address etc. has changed during the last six months send this information off to Bob immediately. His new address is 1507 Tesla Drive, Colorado Springs, Colorado. Or Phone him at ME 5-0885.

On or about the 25th of this month a white haired gentleman with a long white beard is scheduled to arrive at your QTH. His visit may leave you surprised or dismayed depending on whether you receive the Collins 'S' Line or just a 4 tube super-het. No matter the case he will arrive just the same as per our conversation held last Thursday

on 3,000 MC. He mentioned that at altitudes over 25,000 feet his transportation sometimes becomes a bit sluggish, but he usually manages to get to all of his clients by midnight December 25th. This year is supposed to be one of his best, and as he mentioned the only exception to his record of making the rounds completely is when it becomes impossible due to circumstances beyond his control. He listed some of these as follows. 1. Excessive RF feedback in his final Stage. 2. Harmonic Generation of modulated signals from his Buffer Amplifier. 3. Inability to make safe landings on antenna laden roof tops, and finally, most important, a lack of navigational ability when it becomes necessary to fly TWA in the absence of a white blanket called snow. This OM calls himself Santa Claus and his QTH was given as the North Pole. We hope that this visitor leaves many 'goodies' for you all.

GOSSIP

A new Harmonic has shown up at the QTH of Orvin ex KNO/ECJ, we understand it was of the female type. Congratulations to the proud parents.

Kent, KØVCR worked Pueblo with the Heath Twoer. Did you say horizontally polarized Kent?

Dell, K4IZJ/Ø is mobile with the Elmac now in FB order. You will find him on the Rag Chewers Net along with the rest of the gang of 14.250.

John, KØZIP held a going away party at his QTH for Roy, W4FJF/Ø who is en route to a tour of duty in Leopoleville. Every Ham who knew Roy will be sorry to see him go. Among some of his going away gifts was what Roy called the Mau-Mo Boo-Bo, a statue of one of the natives which he is likely to run into during his tour which was given him by Pete, KØUDG and Ken, KØAUT, and a transmitting tube (6544) Lamp from Mike KØEVP. We will all miss your humor and friendship Roy.

Wally, KØWMD is doing fine with the Centrel Electronics 200V. Guess most of us would be doing fine also if we were the proud owners of such a fine transmitter. Wally can be heard on various bands almost any time.

Bill, KØCEN just recently re-vamped his shack. Rumor has it that he can study Hebrew History and hold a QSO with out moving more than 2 feet.

Gene, KØPSU has been working on a rotator for his beam. Latest reports indicate that all he lacks for completion is a 24 volt high current transformer and an Ox preferably under 50 years old to rotate it.

Bob WA6ZMZ/Ø is a recent arrival to town, now operating from the IME house across the street from Colorado College. Bob sports a DX 100 and HQ 110 & with the aid of a newly erected 14AVS Vertical puts out a VRY FB Signal.

Woody, KØHZV recently arranged the installment of a Forty Meter Dipole. Only contact to date has been Pete KØUDG. That's OK Woody we

like you better on Twenty anyhow. Just wait until he finishes the HB Woody Special thats on the drawing board. No body will have any tubes left in the RF sections of there Receivers.

Bob, K9MHE/Ø NCOIC at FT. Carson MARS reports that things are really begining to take shape at the recently activiated training center in the communications dept. A big beam is soon to be erected on top of a 65 foot pole, which will help to make Phone Patch Traffic to soldiers overseas much easier. Bob recently constructed a complete Novice Station for 40 & 80, as well as seeing that tthe MARS frequencies are kept active.

Bill KØFHJ is the proud owner of a newly acquired General Ticket. We hear that he is still rock bound with his DX-60, but has a very FB new microphone. Hope the white haired visitor of the 25th leaves a VFO for you Bill.

Joe Vegh is still out of town attending school at Oaklahoma City, he is expected back in Februrary.

Jerry, KØBTS reports that the new magazine '73' is gaining popularity among his gang on 2 meter RTTY. We also heard that Pony WØYJO is a subscriber to this magazine. Bob Card WØULZ reports he has every issue as well.

John, K4ILF/Ø our President has been out of town attending school, and will return from his short trip on the 8th of December.

NEW MEMBERS

The PPRAA extends a warm welcome to the following new members.

Tomas Stephenson, 2104 Salt Drive
Howard Dump, 50 Ski Lane RR1.
William Palamine, WØJVR, 3300 North Cascade
Alan P. Watson, WNØAHG, 521 Marquette Drive.
James House, WNØAJC, 31 North Union Blvd.

Will we have a bigger list next month?

'2 N 6'

Two meter activity increased this last month with the addition of another operator on the VHF bands. The addition being 'Jim' WNØAJC. Jim invested in a very worthwile peice of equipment, the ARC 3. Jim has been given very good reports from all over town with his rig. He is using a Gem Converter with a BC 342 receiver. This converter requires an 8 MC receiver. He is using a ground plane of his own design. For any info on his equipment etc. call him at ME 2-7362.

'Kent' KØVCR also bought a Gem 2 meter converter. He is using an NC 125 receiver with it. He also plans on buying an ARC 3 transmitter. Kent recently put up a six meter, correction six element 2 meter beam, which is mounted horizontally.

FOR SALE

No reports were received of anything for sale this month.

TRADING POST

Will swap a DeVry VTVM, for item of equal value. Call Jerry KØBTS at ME 4-4169.

Due to late entry of this section, not many trading deals were disclosed. Next month, this section should be loaded.

'SCHEMATIC OF THE MONTH'

The Schematic below of a Hybrid Phone Patch was submitted by KØCEN who got the diagram through the mail from a friend.

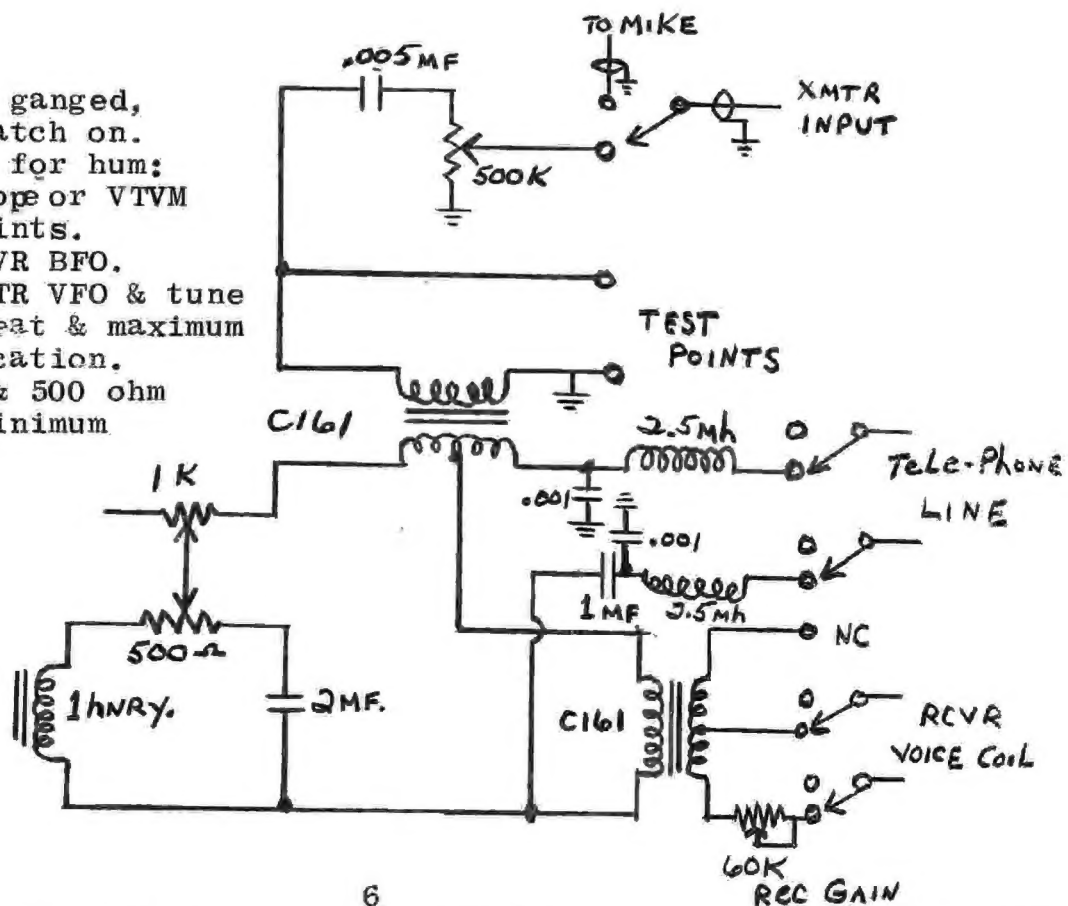
This Phone Patch will compete with almost any of the commercial types. It has been constructed by many local Hams, including your Editor, and on the air reports are better than some received with 20 and 30 dollar store bought patches.

The matching transformers are available through many Surplus Dealers, at less than \$2.00 ea.

All switches ganged, shown with patch on.

To adjust for hum:

1. Connect Scope or VTVM to Test Points.
2. Turn on RCVR BFO.
3. Turn on XMTR VFO & tune RCVR for beat & maximum Scope Indication.
4. Adjust 1k & 500 ohm pots for minimum output.



NEW IDEAS

Bob WA6ZMZ/Ø has suggested that the PPRAA engage in a weekly hidden transmitter hunt. He claims to be an authority on this subject, due to the fact that He activitly participated in same, once every week with the local Hams of San Diego before leaving for College. Bob will pass along sinmple HB construction projects for mobile converters and RDF antenna etc. for use on ten meters, if this is agreeable with all.

This subject should be brought up at the next meeting, and if we follow through with it, a great time can be had by all, as transmitter hunts are really fun, as well as a good chance for most of us to get out and do some Eye Balling, instead of Rag Chewing.

NEXT MEETING

The next meeting of the PPRAA will be held at the YMCA Youth Center at the corner of Weber & Bijou, Wensday December 13, at 8 P.M.

The first door prize will be a Multimeter, followed by a 1 year subscription to '73' Magazine.

A big turn out is expected, so make sure you are among the gang.

The Officers and Members of the PPRAA take this oppturnity to extend to one and all the Best Of Seasons Greetings, and Blessings throughout the coming year.

PPRAA OFFICERS

President: John Wald K4ILF/Ø, ME 5-5981

Secretary: Bob Roberts K9MHE/Ø,
ME 3-6644, Ext. 3865

Treasurer: Bob Card WØULZ, ME 5-0885



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City

FORM 3547 REQUESTED

939 SKYWAY BLVD